

**Listing of Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method for converting the bit rate of a compressed bitstream to use an available bandwidth of a channel, the method comprising:

re-quantizing a first portion of the bitstream that includes a B frame including video data using a first re-quantization scheme **that does not decode the first portion into a pixel domain;** and

re-quantizing a second portion of the bitstream that includes a P frame including video data or an I frame including video data using a second re-quantization scheme that includes full decoding and re-encoding of the second portion.

2. Cancelled.

3. (Previously Presented) The method of claim 1 wherein the first re-quantization scheme includes basic re-quantization.

4. (Previously Presented) The method of claim 1 wherein the compressed bitstream is an MPEG compressed bitstream.

5. (Original) The method of claim 1 further including determining the available bandwidth of the channel.

6. (Currently Amended) The method of claim 1 wherein the ~~wherein the~~ second re-quantization scheme creates a new motion vector for the second portion of the bitstream.

7. (Previously Presented) The method of claim 1 further including changing the resolution of the second portion.

8. (Original) The method of claim 1 wherein the first and second portion each include a frame of the video data.

9. (Cancelled).
10. (Cancelled).
11. (Previously Presented) The method of claim 1 wherein the first portion includes a P frame and the P frame is the last P frame in a group of pictures.
12. (Original) The method of claim 1 wherein the first portion comprises color video data.
13. (Original) The method of claim 1 wherein the second portion comprises brightness video data.
14. (Original) The method of claim 1 wherein the first and second re-quantization schemes are performed in real time.
15. (Original) The method of claim 1 further including monitoring the processing load of a processor in a network device.
- 16-25. (Cancelled)
26. (Currently Amended) A system for converting the bit rate of a compressed bitstream to use an available bandwidth of a channel, the system comprising:  
means for re-quantizing a first portion of the bitstream that includes a B frame including video data using a first re-quantization scheme **that does not decode the first portion into a pixel domain**; and  
means for re-quantizing a second portion of the bitstream that includes a P frame including video data or an I frame including video data using a second re-quantization scheme that includes full decoding and re-encoding of the second portion.

27. (Previously Presented) The system of claim 26 wherein the means for re-quantizing the first portion is included in the means for re-quantizing the second portion.

28. (Original) The system of claim 26 wherein the means for re-quantizing the first portion includes means for performing basic re-quantization.

29. (Original) The system of claim 26 wherein the means for re-quantizing the second portion includes means for performing motion compensated re-quantization.

30. (Currently Amended) A computer readable medium including instructions for converting the bit rate of a compressed bitstream to use an available bandwidth of a channel, the instructions comprising:

instructions for re-quantizing a first portion of the bitstream that includes a B frame including video data using a first re-quantization scheme **that does not decode the first portion into a pixel domain**; and  
instructions for re-quantizing a second portion of the bitstream that includes a P frame including video data or an I frame including video data using a second re-quantization scheme that includes full decoding and re-encoding of the second portion.

31. (Currently Amended) An apparatus for converting the bit rate of a compressed bitstream, the apparatus comprising:

memory,  
a processor coupled to memory, the processor configured to re-quantize a first portion of the bitstream that includes a B frame including video data using a first re-quantization scheme **that does not decode the first portion into a pixel domain** and re-quantize a second portion of the bitstream that includes a P frame including video data or an I frame including video data using a second re-quantization scheme that includes full decoding and re-encoding of the second portion.

32. (Currently Amended) The method of claim 1 wherein the ~~wherein the~~ second re-quantization scheme re-uses a motion vector for the second portion of the bitstream.

33. (New) A method for converting the bit rate of a compressed bitstream to use an available bandwidth of a channel, the method comprising:

re-quantizing a first portion of the bitstream that includes chroma video data using a first re-quantization scheme that does not decode the first portion into a pixel domain; and

re-quantizing a second portion of the bitstream that includes luma video data using a second re-quantization scheme that includes full decoding and re-encoding of the second portion.